

**T  
A  
L  
E  
N  
T**

No. Pages: 8

**TOP SECRET**

COPY NO.: 47

**YEREVAN SYNTHETIC RUBBER  
AND CHEMICAL PLANT, "KIROV" 741**

**[REDACTED]**



**PIC/R-17/59**

**NOVEMBER 1959**

**WARNING: HANDLE VIA TALENT CONTROL CHANNELS ONLY**

**CENTRAL INTELLIGENCE AGENCY  
PHOTOGRAPHIC INTELLIGENCE CENTER**

This document contains information usable only within the TALENT CONTROL SYSTEM. It is to be seen on a MUST-KNOW BASIS ONLY BY PERSONNEL ESPECIALLY INDOCTRINATED AND AUTHORIZED. Reproduction is prohibited unless approved by the originator.

**Declass Review by NIMA / DoD**

**TOP SECRET**

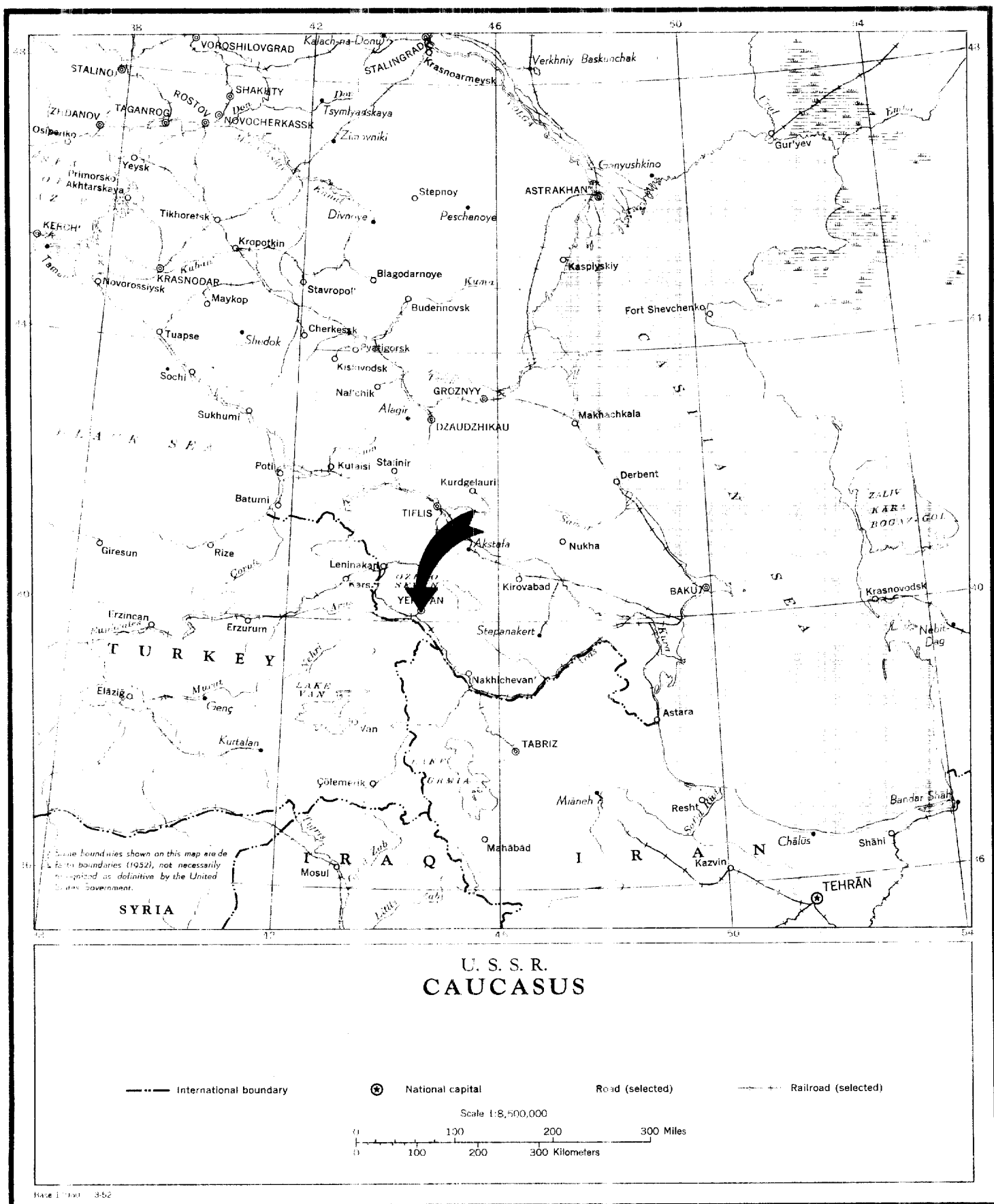
**W A R N I N G**

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

YEREVAN SYNTHETIC RUBBER  
AND CHEMICAL PLANT, "KIROV" 741

PIC/R-17/59  
NOVEMBER 1959

TOP SECRET CHESS



TOP SECRET CHESS

PIC/R-17/59

## YEREVAN SYNTHETIC RUBBER AND CHEMICAL PLANT, "KIROV" 741

The Yerevan Synthetic Rubber and Chemical Plant, "Kirov" 741, a major producer of synthetic rubber, calcium carbide, and plastics, is located on the southern outskirts of Yerevan, USSR, approximately 300 yards northwest of Yerevan Airfield.

Photography [REDACTED] shows that this plant had greatly expanded since World War II and that considerable construction activity was still in progress. The plant now occupies approximately 280 acres or an area of 12,286,000 square feet. The plant area is served by good roads and a rail network which is connected to the main railroad to Yerevan, which runs along the north side of the plant.

The major components of the plant are shown on the accompanying photograph and line drawing and identified and described in the key to annotations.

### KEY TO ANNOTATIONS

#### A. Carbide Plant

1. Administration building, multistory, 100' x 45'.
2. Coke storage building, 210' x 55'.
3. Two carbide processing buildings, one 200' x 65' with L-shaped wings 105' x 35' and 70' x 50', and one 210' x 55' with wing 50' x 30'.
4. Three storage buildings, 300' x 30', 70' x 55', and 95' x 40'.
5. Carbide processing building, 380' x 75'.
6. Four workshops, 65' x 45', 100' x 40', 120' x 55', and 140' x 40'.
7. Lime kiln building, 570' x 50', containing nine kilns.
8. Carbide furnace building, 430' x 65', containing eight furnaces.
9. Carbide processing building, 440' x 50'.
10. Four carbide processing buildings, 195' x 55', 60' x 40', 50' x 35', and 170' x 85'.
11. Electric power station, multistory, 275' x 45' with wing 60' x 50'.

TOP SECRET CHSS

PIC/R-17/59



25X1D

FIGURE 1. YEREVAN SYNTHETIC RUBBER AND CHEMICAL PLANT, "KIROV" 741.

12. Transformer yard, 570' x 285'.
13. Steam plant, 220' x 110', and coal conveyer.
14. Two unidentified buildings, one 70' x 45' with 50' x 20' wing, and one 90' x 30' with two 25' x 20' wings.
15. Coke storage building, 320' x 55'.
16. Two carbide storage buildings, 300' x 70' and 220' x 80'.

TOP SECRET CHSS

PIC/R-17/59

B. Chlorine Plant

17. Two workshops, 90' x 45' and 70' x 35'.
18. Two salt storage buildings, 480' x 40' and 305' x 45'.
19. Salt processing building, 170' x 25', with wing, 50' x 50'. Adjoining this building is a 25'-diameter salt solution tank.
20. Three chlorine processing buildings, 140' x 80', 70' x 60', and 65' x 65'.
21. Thirteen chemical storage tanks, four 35' in diameter, eight 25' in diameter, and one 15' in diameter.
22. Two storage warehouses, 90' x 30' and 90' x 40'.
23. Two hydrogen chloride production buildings, 205' x 170' and 90' x 40'.
24. Two chemical processing buildings, 160' x 55' and 60' x 30'.
25. Three chemical processing buildings, 185' x 90', 40' x 40', and 130' x 45'. Adjoining these buildings are seven tall, narrow tanks.

C. Synthetic Rubber Plant

26. Three administration buildings, multistory, one 195' x 45' with two wings 75' x 40' and 55' x 40', one L-shaped 105' x 35' and 40' x 35', and one 175' x 55'.
27. Two administration buildings, one multistory 180' x 45' with 60' x 30' wing, and one 330' x 25'.
28. Rubber processing building, 185' x 55'.
29. Rubber processing building, multistory, irregular shape, 385' x 95' over-all.
30. Rubber processing building, multistory, irregular shape, 390' x 80' over-all.
31. Rubber processing building, multistory, irregular shape, 390' x 90' over-all.
32. Two storage buildings, one 95' x 80' and one 80' x 50' with wing, 55' x 20'.
33. Cooling plant, irregular shape, 22,400 sq. ft. over-all.
34. Rubber processing building, 90' x 70', with adjoining storage building 55' x 30'.
35. Three storage buildings, 180' x 40', 70' x 40', and 75' x 30'.
36. Acetylene generating building, multistory, 80' x 55'.

PIC/R-17/59

37. Two acetylene processing buildings, one 40' x 20' and one 75' x 50', with two wings 20' x 15' and 15' x 10'.
38. Acetylene processing or storage building, multistory, 65' x 60'.
39. Chloroprene manufacturing building, multistory, 330' x 45'. A 25' x 45' elevated structure, possibly containing refrigeration units or storage tanks, is located on the roof at the south end of the building. Five hydrogenation stalls are located adjacent to and east of this chloroprene building.
40. Two monovinylacetylene buildings, multistory, 265' x 50' and 55' x 30'. In the vicinity of these buildings are five vertical storage tanks, each 10' in diameter, and a revetted area, 80' x 75', containing four horizontal tanks 20'-40' long.
41. Storage area consisting of 9 vertical tanks 25' in diameter, 11 vertical tanks 15' in diameter, and a service building 180' x 45'.
42. Vertical storage tank, 40' in diameter.
43. Possible research and development area containing 4 buildings, 2 multistory 150' x 50' and 40' x 40', and 2 single-story, 90' x 20' and 65' x 40'.

D. Plastics Plant

44. Four administration buildings, two multistory, 205' x 50' and 60' x 30', and two single-story, 90' x 45' and 370' x 30'.
45. New construction area. Several buildings are in the initial stages of construction. The dimensions and functions of these buildings cannot be determined.
46. Engineering or laboratory building, multistory, 75' x 60'.
47. Storage building, 390' x 40'.
48. Production building, 380' x 90'.
49. Six shop buildings, 90' x 45', 55' x 40', 140' x 40', 100' x 30', 85' x 55', and 40' x 30'.
50. Two storage buildings, 100' x 40' and 50' x 25'.
51. Storage building, 100' x 40'.
52. Production building, multistory, 180' x 130'.
53. Two storage buildings, 80' x 30' and 160' x 50'.
54. Shop building, 230' x 70'.
55. Two storage buildings, 140' x 40' and 200' x 40'.
56. Production building, 390' x 65'.



PIC/R-17/59

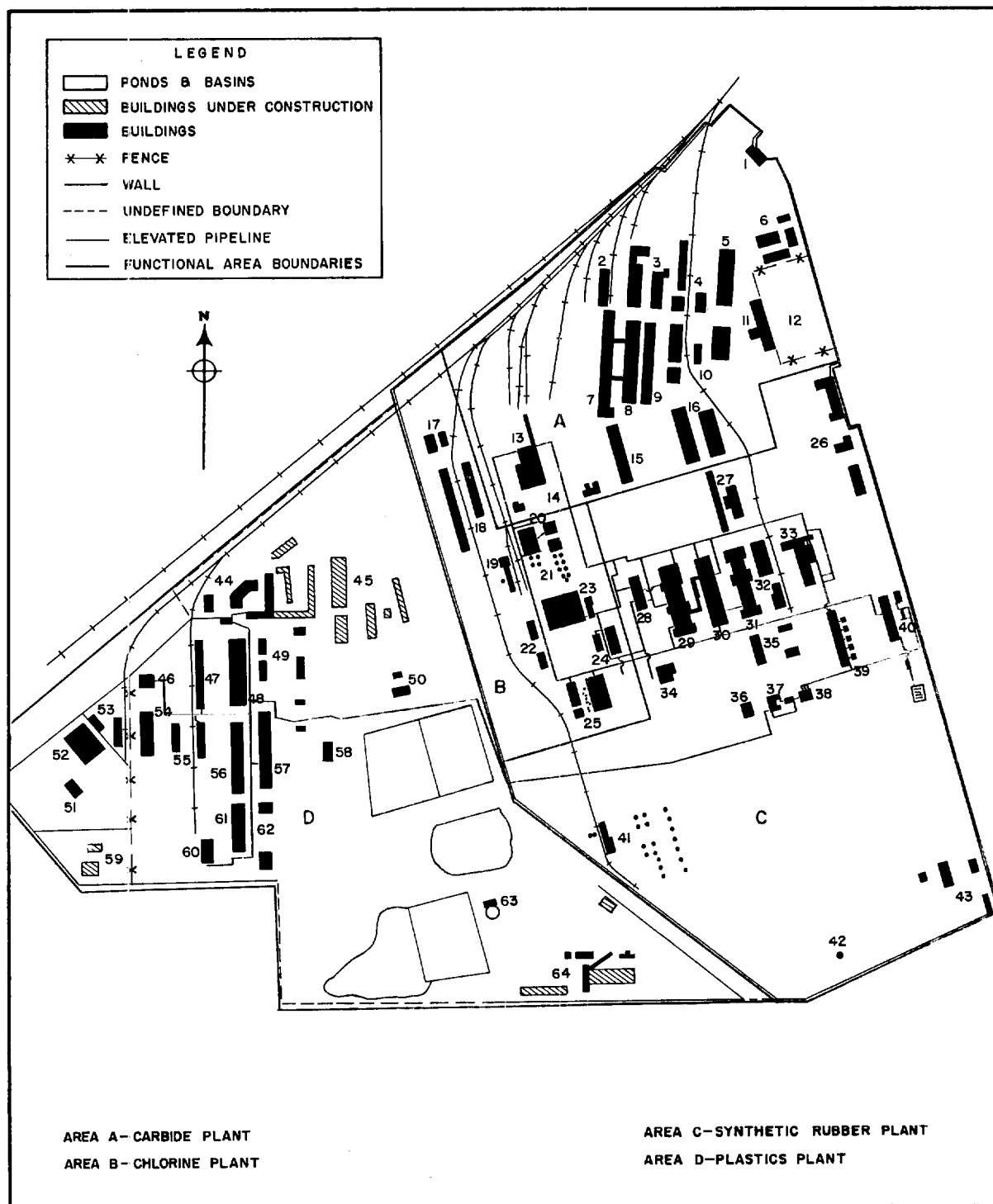


FIGURE 2. YEREVAN SYNTHETIC RUBBER AND CHEMICAL PLANT, "KIROV" 741.

PIC/R-17/59

57. Production building, 460' x 55'. Two interconnected elevated structures, each 20' x 55', are located on the roof.
58. Storage building, 100' x 30'.
59. Two buildings under construction, 80' x 35' and 95' x 70'.
60. Steam plant, 120' x 70'.
61. Production building, 300' x 65'.
62. Two production buildings, 120' x 70' and 105' x 60'.
63. Pumping station, 65' x 20'; adjoining dewatering tank, 75' in diameter; and five carbide mud settling basins with total area of 910,000 sq. ft.
64. Construction materials manufacturing plant. This plant appears to be engaged in the manufacture of a type of cement or cinder block, using the carbide mud waste as the basic raw material. The plant consists of a three-story-high 115' x 35' building with attached conveyer. Adjoining this building and still under construction is a large 250' x 80' probable drying and storage building. Two other buildings, 265' x 55' and 80' x 50', in this area are under construction, in addition to three completed buildings, 100' x 25', 35' x 25', and 90' x 15' with wing 15' x 15'.

REQUIREMENT: Prepared in answer to RR/E/R67/58 and RR/E/R72/58, requesting a detailed description and plant layout of the Yerevan Synthetic Rubber and Chemical Plant "Kirov" 741, Yerevan, USSR.

25X1D

MAP DATA:

25X1A ATMP [REDACTED] 1st Ed., Aug 57  
25X1A [REDACTED] 2nd Ed., Mar 58  
SAC [REDACTED] (Prov), 3rd Ed., Nov 57

REFERENCES:

25X1A [REDACTED]  
25X1C [REDACTED]

COORDINATES: 40°08'N/44°30'E

25X1A

B.E. NUMBER: [REDACTED]

TOP SECRET Approved For Release 2001/09/01 : CIA-RDP78T04751A000700010017-0

T  
A  
L  
L  
E  
N  
T

TOP SECRET Approved For Release 2001/09/01 : CIA-RDP78T04751A000700010017-0